

Features



- Teguar's [best-selling fanless Panel PC](#) with familiar rugged form factor?
- 12th Gen Alder Lake-N: N97 or x7425e, N97-5861, x7425e-5406
- 18.5" HD display with PCAP or resistive touch and high brightness option
- Efficient computation for more value than other Panel PCs?
- Panel Mounting, uses same cutout as previous generation panels (see TP-2945, TP-3445, TP-4845) for ease of transition across 4 generations

Technical Specifications

Primary Components

Processor Family	Intel Celeron or Core I series 12th Generation Alder Lake N
Processor Speed	Up to 3.4 Ghz, x7425E, Up to 3.6 GHz, N97
Memory Type	1x DDR5 SO-DIMM
Memory Support	32GB
Storage Type	1x M.2 2280 SSD slot, SATA3 or NVME
Storage Support	M.2: 256GB-1TB

Display

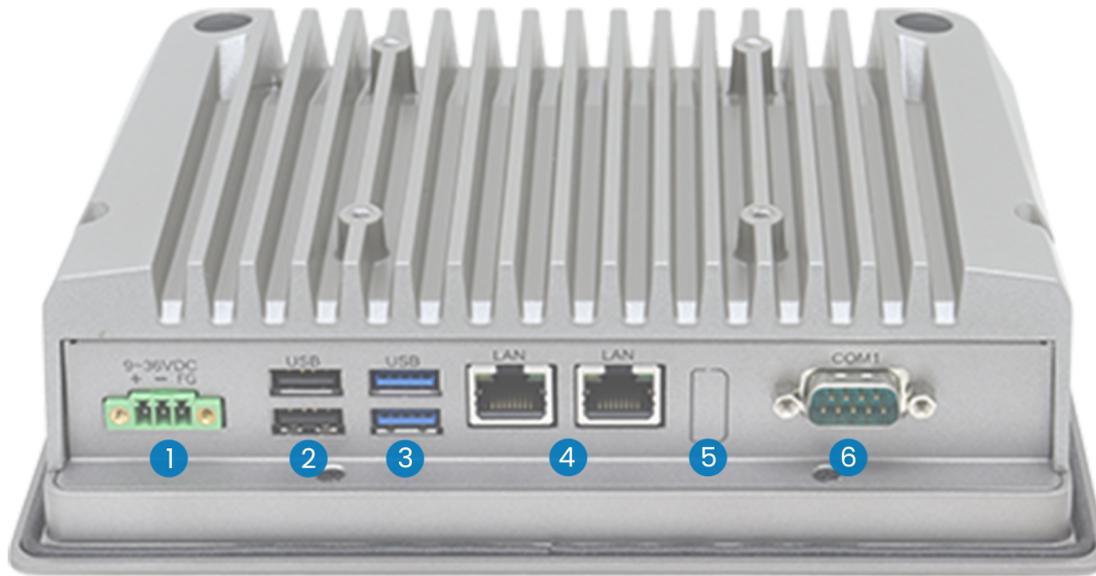
Screen Size	18.5"
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	350 nits, Optional 1000 nit High Brightness

External I/O Ports

USB	2x USB 2.0, 2x USB 2.0 (Optional), 2x USB 3.2 Gen 1
Serial / Com	1x COM, 2x COM (Optional)
Serial Protocol Detail	1x RS-232/422/485 (configured in BIOS), RS-232 default
Ethernet / LAN	2x RJ45 2.5 GbE LAN

Enclosure

Material	Aluminum
IP Rating	IP66 Front Bezel
Color	Gray
Led Indicator Light	Power
Mounting Options	Panel Mount, VESA 100 Mount



1. DC Power Input
2. 2x USB 2.0
3. 2x USB 3.2
4. 2x 2.5GbE LAN
5. HDMI/DisplayPort
6. DB9 Type COM

All specifications are subject to change without notice.